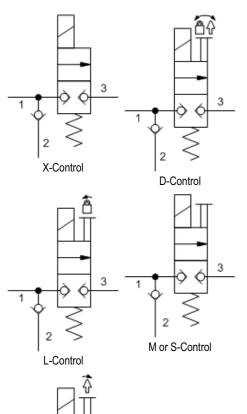
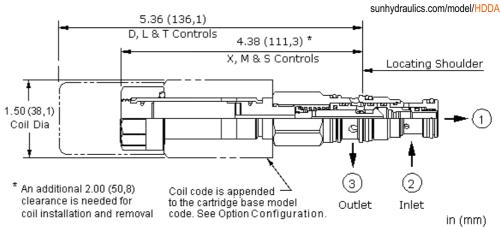


MODEL HDDA

# 2-way, solenoid-operated directional poppet valve - after check SERIES 1 / CAPACITY: 40 L/min. / CAVITY: T-11A







This solenoid-after check cartridge is a hybrid valve incorporating a direct acting solenoid poppet valve teed in after the check function. The check valve flow is from the inlet (port 2) to the system (port 1). With the solenoid deenergized flow from (port 2) to (port 3) is blocked. This combination valve is typically used in lift/lower applications and can be integrated directly into the actuator.

### **TECHNICAL DATA**

NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

Maximum Operating Pressure	350 bar	
Maximum Valve Leakage at 110 SUS (24 cSt)	0,7 cc/min.@350 bar	
Check Cracking Pressure	2 bar	
Manual Override Force Requirement	33 N/100 bar @ Port 1	
Manual Override Stroke	2,5 mm	
Response Time - Typical	50 ms	
Switching Frequency	15,000 max. cycles/hr	
Seal kit - Cartridge	Buna: 990011007	
Seal kit - Cartridge	Polyurethane: 990011002	
Seal kit - Cartridge	Viton: 990011006	

#### **NOTES**

T-Control

- Please verify cartridge clearance requirements when choosing a Sun manifold. Different valve controls and coils require different clearances.
- An additional 2.00 inches (50,8 mm) beyond the valve extension is needed for coil installation and removal.

#### **CONFIGURATION OPTIONS**

T Twist (Momentary) Manual Override

## Model Code Example: HDDAXCN

CONTROL (X	X) SPOOL CONFIGURATION (C)	SEAL MATERIAL (N)	COIL *
X No Manual Override	C Normally Closed	N Buna-N	No coil
D Twist/Lock (Dual) Manual Override		<b>V</b> Viton	212 DIN 43650-Form A, 12 VDC
L Twist/Lock (Detent) Manual Override			224 DIN 43650-Form A, 24 VDC
M Manual Override			912 Deutsch DT04-2P, 12 VDC

**924** Deutsch DT04-2P, 24 VDC

\* Additional coil options are available

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